

Arboretum Bog Boardwalk Rehabilitation



Natural Resources Department
October 2013



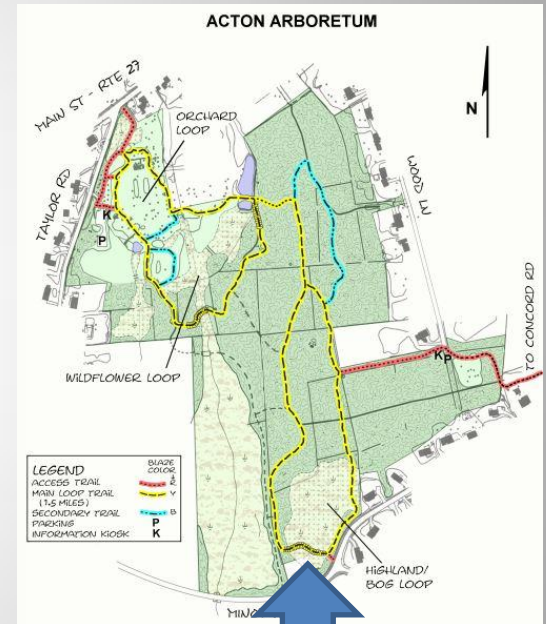
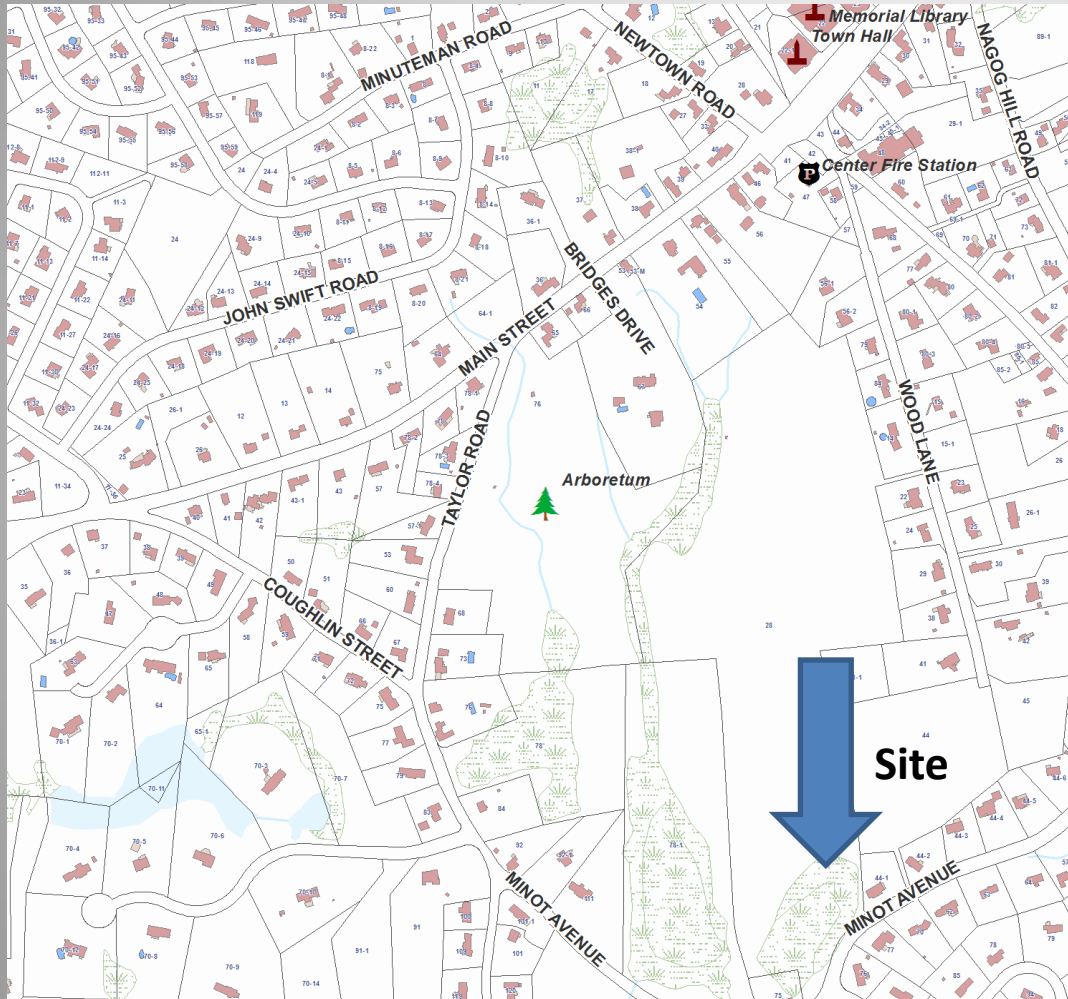
Arboretum Bog Boardwalk Rehabilitation

Build new elevated boardwalk through the bog:

- **ADA handicap accessible boardwalk**
- **4 feet wide with bumper rails; handrails at open water portion**
- **Non-slip, environmentally-friendly fiberglass surface**
- **Teak bench**
- **Educational information panels**
- **Attach a new ADA paved sidewalk ramp from Minot Ave.**



Arboretum Bog Boardwalk Rehabilitation



Arboretum Bog Boardwalk Rehabilitation

Existing Conditions



Proposed Concept



Existing Grassy Pond Conservation Land, Acton Boardwalk and Viewing Platform



Our prototype



Arboretum Bog Boardwalk Rehabilitation

Project Overview

Costs

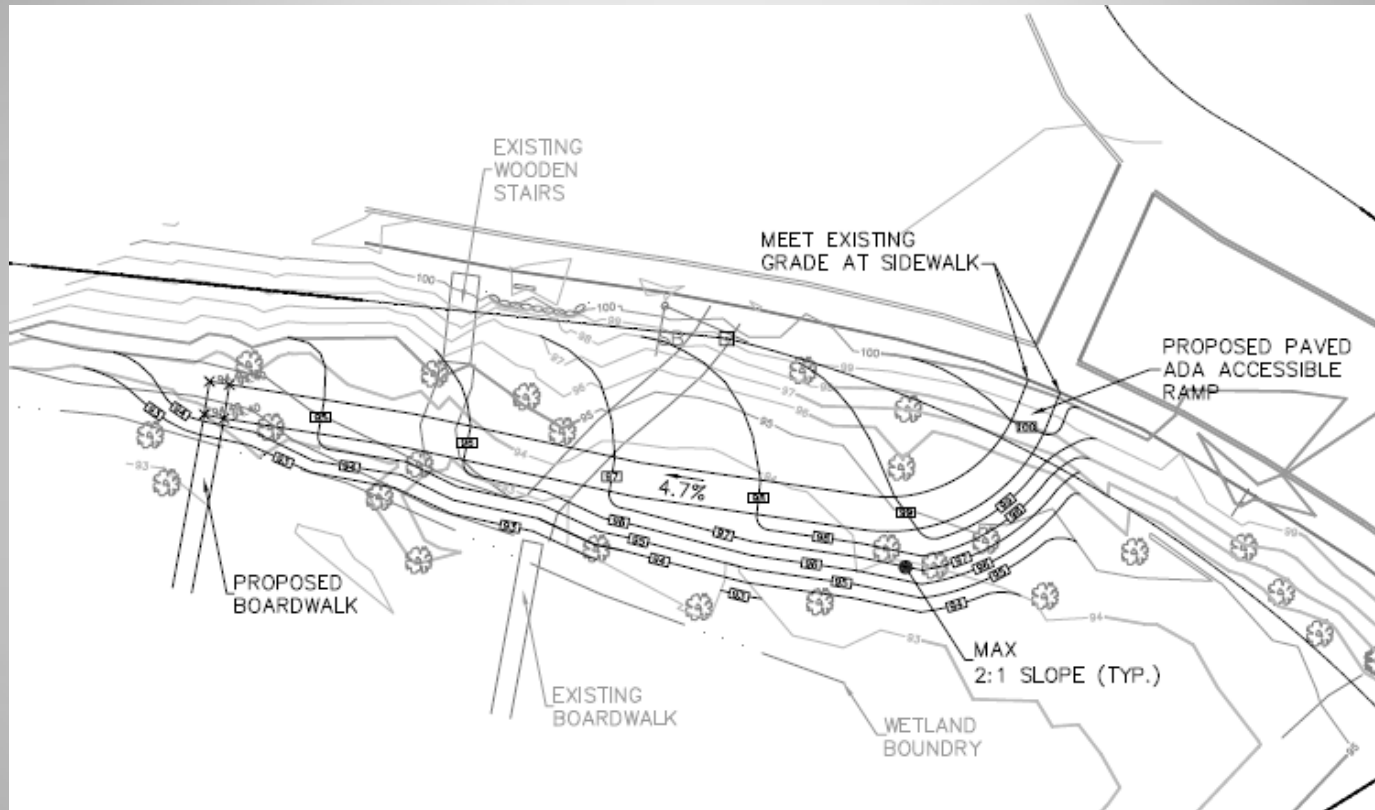
Lumber/hardware	\$10,000
Tree removal	\$3,128
Fiberglass decking	\$20,000
Educational Panels	\$1,500
Labor	\$20,000
Teak bench	\$905
 Total Costs:	 \$55,533
-Total cash donations:	\$33,000
+Contingencies:	\$7,467

= Total Requested CPA Funds: **\$30,000**

Assets

- Friends of the Acton Arboretum \$3,000
- Private Donor \$30,000
- Accessible sidewalk ramp from Minot Ave.
 - Survey & Design
 - Materials – Ramp Construction
 - 130' paving

Engineered Plans for Paved Ramp from Minot Ave.



SURVEY: PC/QRP	TOWN OF ACTON ENGINEERING DEPARTMENT	
DESIGN: PC	ACTON ARBORETUM BOARDWALK	
DRAFTING: QRP		
CHECKED: PC	PROPOSED BOARDWALK	
SCALE: 1" = 20'	DRAWING NO: 1	DATE: 11/04/2013

Arboretum Bog Boardwalk Rehabilitation

Why is this a great idea?

- **ADA improvements give recreational opportunities for an underserved population**
- **Thousands visit the Arboretum**
- **New design stronger, longer lifespan**
- **Enhance open space appreciation**
- **Protect environment**
- **Fits with OSRP Goals and Acton 2020**





Thank you!